

FIRST BI-MONTHLY PROGRESS REPORT
UNIVERSITY OF ALASKA
ERTS PROJECT 110-5
September 30, 1972

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A. TITLE OF INVESTIGATION

Break-up Characteristics of Chena River Basin

E72-10135
CR-128189

B. PRINCIPAL INVESTIGATOR/GSFC ID: U 596

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C. PROBLEMS IMPEDING INVESTIGATION:

Project has not yet received any ERTS data from NASA

D. PROGRESS REPORT:

1. Accomplishments during reporting period:

Contact has been made with the following agencies
to obtain meteorological measurements as ground
truth data.

- | | |
|--|--------------------------|
| 1) University of Alaska
Experimental Station
Goldstream
Ester Dome | T, Sd, Sq
T, Sd,
T |
| 2) National Weather Service
International Airport | T, Sd, Sq |
| 3) Soil Conservation Service
Several Locations | T, Sd, Sq |
| 4) NASA
Gilmore Creek | T |
| 5) U.S.A. - CRREL
Fox | T |
| 6) U.S.A.
Ft. Wainwright | T |
| 7) Alaskan Inter-Agency Technical Committee
Caribou-Poker Creek Watershed
Several stations | T, Sd, Sq |

T-Temperature, Sd-Snow depth, Sq- Snow quality

N72-32383
Unclas
G3/13 00135
(E72-10135) BREAK-UP CHARACTERISTICS OF
CHENA RIVER BASIN Bimonthly Progress
Report R.F. Carlson (Alaska Univ. College.) 30 Sep. 1972 3 p CSCL 08L

2. Plans for next reporting period:

It is planned to analyse the ERTS - Data, to establish the snow deposit pattern in the two basins studied and compare these results with ground truth measurements.

E. SIGNIFICANT RESULTS:

See attached page.

F. PUBLICATIONS:

No publications during reporting period.

G. RECOMMENDATIONS:

None at this stage of the investigation.

H. CHANGES IN STANDING ORDER FORMS:

None.

I. ERTS IMAGE DESCRIPTORS FORMS:

No forms are submitted because no ERTS data have been received.

J. DATA REQUEST FORMS:

None.

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TITLE OF INVESTIGATION: Break-up Characteristics of Chena River
Basin

DISCIPLINE: Hydrology

SUBDISCIPLINE: Meteorology

SUMMARY OF SIGNIFICANT RESULTS:

During the first reporting period no ERTS data were received for this project. Activities were restricted to ground-based data acquisition, and to preparations for analysis of data. Therefore there are no significant scientific, practical or operational results to report.

